PCT/EP 01/06190

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C08L75/04 C08F283/00 C08G18/10

According to International Patent Classification (IPC) or to both national classification and IPC

#### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 C08L C08F C08G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

PO-In	ternal, WPI Data, PAJ			
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C. DOCUME	ENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of the	he relevant passages	Relevant to dalm No.	
A	US 6 063 861 A (BLUM HARALD E 16 May 2000 (2000-05-16) column 4, line 54 -column 5, l claims 1-5; examples		1-3,5-8, 15	
A	EP 0 933 412 A (NAT STARCH CHEM INVEST) 4 August 1999 (1999-08-04) page 5, line 17 -page 6, line 35; claims		1,2,4,5, 7,8,11, 14,15	
A	1-3; example II  EP 0 705 855 A (AIR PROD & CHE 10 April 1996 (1996-04-10) page 5, line 4 - line 9; claim examples 3,4	· (M)	1-5,7,8, 15	
X Furth	ner documents are listed in the continuation of box C.	-/  X Patent family members are listed	in annex.	
° Special ca	tegories of cited documents:			
"A" docume consid "E" earlier of filing d "L" docume which clattor "O" docume other r "P" docume	ent defining the general state of the art which is not letered to be of particular relevance document but published on or after the international late ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another n or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or means ent published prior to the international filing date but	<ul> <li>"T" later document published after the inte or priority date and not in conflict with cited to understand the principle or the invention</li> <li>"X" document of particular relevance; the cannot be considered novel or cannot brivolve an inventive step when the document of particular relevance; the cannot be considered to involve an inventive step when the document is combined with one or membra, such combination being obvious in the art.</li> </ul>	the application but every underlying the laimed invention be considered to current is taken alone laimed invention ventive step when the re other such docu- us to a person skilled	
	nan the priority date claimed actual completion of the international search	"&" document member of the same patent  Date of mailing of the international sea		
	9 September 2001	25/09/2001	and and a supposed	
Name and n	mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL - 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,	Authortzed officer  Angiolini, D		



International Application No PCT/EP 01/06190

2.12		51/EP 01/06190
	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category •	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Α .	EP 0 309 113 A (ICI AMERICA INC) 29 March 1989 (1989-03-29) cited in the application page 6, line 9 - line 15; claims 1,11-13; examples 1,6	1-3,5,8, 15
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International Application No PUT/EP 01/06190

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 6063861	Α	16-05-2000	DE EP	19753222 A1 0919579 A1	02-06-1999 02-06-1999
			JP	11256033 A	21-09-1999
EP 0933412	Α	04-08-1999	AU	1132399 A	19-08-1999
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			CA EP	2159563 A1 0705855 A2	07-04-1996 10-04-1996
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			DE	3882631 A1	02-09-1993
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			MX	169505 B	08-07-1993
			US	4927876 A	22-05-1990

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference R20001/	FOR FURTHER see Notification of (Form PCT/ISA/2	of Transmittal of International Search Report (20) as well as, where applicable, item 5 below.
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/EP 01/06190	31/05/2001	23/06/2000
Applicant		
NATIONAL STARCH AND CHEMI	CAL INVESTMENT HOLDING	
This International Search Report has bee according to Article 18. A copy is being tra	n prepared by this International Searching Autransmitted to the International Bureau.	nority and is transmitted to the applicant
This International Search Report consists  X It is also accompanied by	of a total of sheets. a copy of each prior art document cited in this	report.
Basis of the report		
With regard to the language, the language in which it was filed, unl	international search was carried out on the bases otherwise indicated under this item.	sis of the international application in the
the international search w Authority (Rule 23.1(b)).	ras carried out on the basis of a translation of the	he international application furnished to this
was carried out on the basis of th	e sequence listing:	nternational application, the international search
	onal application in written form.	_
	ernational application in computer readable form	π.
	this Authority in written form.	
the statement that the sul	o this Authority in computer readble form. osequently furnished written sequence listing d	loes not go beyond the disclosure in the
• •	is filed has been furnished. ormation recorded in computer readable form is	s identical to the written sequence listing has been
2. Certain claims were fou	nd unsearchable (See Box I).	
3. Unity of invention is lac	king (see Box II).	
4. With regard to the title,		
the text is approved as su	ubmitted by the applicant.	
· -	shed by this Authority to read as follows:	
TERPOLYMER PRODUCED I	COMPRISING PARTICLES OF POLY BY EMULSION POLYMERISATION O	URETHANE AND A COPOLYMER OR OF OLEFINICALLY UNSATURATED
MONOMERS		
5. With regard to the abstract,	showitted by the configuration	
the text is approved as su the text has been establis within one month from the	pomitted by the applicant. Shed, according to Rule 38.2(b), by this Authori e date of mailing of this international search rep	ity as it appears in Box III. The applicant may, port, submit comments to this Authority.
6. The figure of the drawings to be pub		
as suggested by the appl	icant.	None of the figures.
because the applicant fai	led to suggest a figure.	
because this figure better	characterizes the invention.	

International Application No 'EP 01/06190

A. CLASSIFICATION OF SUBJECT MATAILED TO THE CONTROL OF SUBJECT MATAILED TO THE SUBJECT MATAILED TO THE CONTROL OF SUBJEC C08G18/10

According to International Patent Classification (IPC) or to both national classification and IPC

### B. FIELDS SEARCHED

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 063 861 A (BLUM HARALD ET AL) 16 May 2000 (2000-05-16) column 4, line 54 -column 5, line 11; claims 1-5; examples	1-3,5-8, 15
Α	EP 0 933 412 A (NAT STARCH CHEM INVEST) 4 August 1999 (1999-08-04)  page 5, line 17 -page 6, line 35; claims 1-3; example II	1,2,4,5, 7,8,11, 14,15
Α	EP 0 705 855 A (AIR PROD & CHEM) 10 April 1996 (1996-04-10) page 5, line 4 - line 9; claims 20,23; examples 3,4 /	1-5,7,8, 15

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
Special categories of cited documents:  'A' document defining the general state of the art which is not considered to be of particular relevance  'E' earlier document but published on or after the international filing date  'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  'O' document referring to an oral disclosure, use, exhibition or other means  'P' document published prior to the international filing date but later than the priority date claimed	<ul> <li>'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>'&amp;' document member of the same patent family</li> </ul>
Date of the actual completion of the international search  19 September 2001	Date of mailing of the international search report 25/09/2001
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL - 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer  Angiolini, D

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International Application No EP 01/06190

	tion) DOCUMENTS CONSIDE TO BE RELEVANT	- In
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 309 113 A (ICI AMERICA INC) 29 March 1989 (1989-03-29) cited in the application page 6, line 9 - line 15; claims 1,11-13; examples 1,6	1-3,5,8, 15

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Information on patent family members

International		
EP/EP	01/06190	

Patent document cited in search report		Publication, date	•	Patent family member(s)	Publication date
US 6063861	Α	16-05-2000	DE EP JP	19753222 A1 0919579 A1 11256033 A	02-06-1999 02-06-1999 21-09-1999
EP 0933412	A	04-08-1999	AU EP	1132399 A 0933412 A1	19-08-1999 04-08-1999
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